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Substitute for form 1449A/PTO  
**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**  
 (Use as many sheets as necessary)

Complete if Known	
Application Number	10/735289
Filing Date	December 12, 2003
First Named Inventor	Zhu, Jing
Group Art Unit	Unknown 1647
Examiner Name	Unknown F. Hamud

Sheet 1 of 5 Attorney Docket No: 1676.011US1

US PATENT DOCUMENTS						
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS						
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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
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FH		ABE, TATSUYA, et al., "Expression of the Secretory leukoprotease Inhibitor Gene in Epithelial Cells", <u>The Journal of Clinical Investigation, Inc.</u> , Vol. 87, (06/1991),2207-2215	
		ASHCROFT, GILLIAN S., et al., "Mice Lacking Smad3 show accelerated wound healing and an impaired local inflammatory response", <u>Nature Cell Biology</u> , Vol. 1, (1999),260-266	
		ASHCROFT, GILLIAM S., et al., "Secretory leukocyte protease inhibitor mediates non-redundant functions necessary for normal wound healing", <u>Nature Medicine</u> , Volume 6, Number 10, (10/2000),1147-1153	
		BABA, TADASHI, et al., "Acrogranin, an Acrosomal Cysteine-Rich Glycoprotein, Is the Precursor of the Growth-Modulating Peptides, Granulins, and epithelins and Is Expressed in Somatic as Well as Male Germ Cells", <u>Molecular Reproduction and Development</u> 34, (1993),233-243	
		BAGGIOLINI, MARCO, et al., "Interleukin-8, a chemotactic and inflammatory cytokine", <u>FEBS</u> 11242, Vol. 307, No. 1, (07/1992),97-101	
		BATEMAN, ANDREW, et al., "Granulins, A Novel Class of Peptide From Leukocytes", <u>Biochemical and Biophysical Research Communications</u> , Vol. 173, No. 3, (12-31-1990),1161-1168	
		BATEMAN, A., et al., "Granulins: the structure and function of an emerging family of growth factors", <u>Journal of Endocrinology</u> , 158, (1998),145-151	
		BELCOURT, DANIEL R., et al., "Isolation and Primary Structure of the Three Major Forms of Granulin-like Peptides from Hematopoietic Tissues of a Teleost Fish ( <i>Cyprinus carpio</i> )", <u>The Journal of Biological Chemistry</u> , Vol. 268, No. 13, (05-05-1993),9230-9237	
		BHANDARI, VIJAY, et al., "Isolation and sequence of the granulin precursor cDNA from human bone marrow reveals tandem cystein-rich granulin domains", <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 89, (03-1992),1715-1719	
		CARP, HARVEY, et al., "Inactivation of Bronchial Mucous Proteinase Inhibitor by Cigarette Smoke and Phagocyte-Derived Oxidants", <u>Experimental Lung Research</u> , 1, (1980),225-237	
		CAUGHEY, GEORGE H., "Serine Proteinases of Mast Cell and Leukocyte Granules (A League of Their Own)", <u>Am J. Respir Crit Care Med.</u> , Vol. 150, (1994),S138-S142	

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Substitute Disclosure Statement Form (PTO-1449)  
 \* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached



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		secretions", <u>Eur. J. Respir. Dis.</u> , Volume 71, Suppl. 153,(1987),78-85	
FH		JIN, FENYU , et al., "Lipopolysaccharide-Related Stimuli Induce Expression of the Secretary Leukocyte Protease Inhibitor, a Macrophage-Derived Lipopolysaccharide Inhibitor", <u>Infection and Immunity</u> , (06/1998),2447-2452	
		JIN, FEN-YU , et al., "Secretary Leukocyte Protease Inhibitor: A Macrophage Product Induced by and Antagonistic to Bacterial Lipopolysaccharide", <u>Cell</u> , Vol. 88, (02-07-1997),417-426	
		LEE, CHUL H., et al., "Distribution of Secretary Leukoprotease Inhibitor in the Human Nasal Airway", <u>Am. Rev. Respir. Dis.</u> , Vol. 147, (1993),710-716	
		MARTIN, PAUL , "Wound Healing - Aiming for Perfect Skin Regeneration", <u>Science</u> , Vol. 276, (04-04-1997),75-81	
		MCELVANEY, N. G., et al., "Modulation of Airway Inflammation in Cystic Fibrosis", <u>The Journal of Clinical Investigation, Inc.</u> , Vol. 90, (10/1992),1296-1301	
		MELLET, PHILIPPE , et al., "Mapping the Heparin-Binding Site of Mucus Proteinase Inhibitor", <u>Biochemistry</u> , 34, (1995),2645-2652	
		NATHAN, CARL , et al., "Cytokine-induced Respiratory Burst of Human Neutrophils: Dependency on Extracellular Matrix Proteins and CD11/CD18 Integrins", <u>The Journal of Cell Biology</u> , Volume 109, (09/1989),1341-1349	
		OHLSSON, KJELL , et al., "Secretary Leucocyte Protease Inhibitor in the Male Genital Tract: PSA-Induced Proteolytic Processing in Human Semen and Tissue Localization", <u>Journal of Andrology</u> , Vol. 16, No. 1, (01-02/1995),64-74	
		ONG, C.H.P. , et al., "Progranulin (Granulin-epithelin precursor, PC-cell derived growth factor, Acrogranin) in proliferation and tumorigenesis", <u>Histol Histopathol</u> , 18, (2003),1275-1288	
		PARK, PYONG W., et al., "Cell Surface Heparan Sulfate Proteoglycans: Selective Regulators of Ligand-Receptor Encounters", <u>The Journal of Biological Chemistry</u> , Vol. 275, No. 39, (09-29-2000),29923-29926	
		PLOWMAN, GREGORY D., et al., "The Epithelin Precursor Encodes Two Proteins with Opposing Activities on Epithelial Cell Growth", <u>The Journal of Biological Chemistry</u> , Vol. 267, No. 18, (06-25-1992),13073-13078	
		ROMER, JOHN , et al., "Impaired Wound Healing in Mice with a Disrupted Plasminogen Gene", <u>Nature Medicine</u> , Volume 2, Number 3, (03/1996),287-292	
		SALLENAVE, JEAN-MICHEL , et al., "Secretary Leukocyte Proteinase Inhibitor is a Major Leukocyte Elastase Inhibitor in Human Neutrophils", <u>Journal of Leukocyte Biology</u> , Vol. 61, (06/1997),695-702	
		SHOYAB, MOHAMMED , et al., "Epithelins 1 and 2: Isolation and characterization of two cysteine-rich growth-modulating proteins", <u>Proc. Natl. Acad. Sci USA</u> , Vol. 87, (10/1990),7912-7916	
↓		SINGER, ADAM J., et al., "Cutaneous Wound Healing", <u>The New England Journal of Medicine</u> , (1999),738-746	

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FH		SOMORIN, OYIN , et al., "The Action of Trypsin on Synthetic Chromogenic Arginine Substrates", <u>J. Biochem.</u> , <u>85</u> , (1978),157-162	
		SONG, XIAO-YU , et al., "Secretory Leukocyte Protease Inhibitor Suppresses the Inflammation and Joint Damage of Bacterial Cell Wall-induced Arthritis", <u>The Journal of Experimental Medicine</u> , Vol. 190, No. 4, (08-16-1999),535-542	
		SPARRO, GIULIA , et al., "Isolation and N-Terminal Sequence of Multiple Forms of Granulins in Human urine", <u>Protein Expression and Purification</u> <u>10</u> , (1997),169-174	
		THOMPSON, ROBERT C., et al., "Isolation, Properties, and Complete Amino Acid Sequence of Human Secretory Leukocyte Protease Inhibitor, a Potent Inhibitor of Leukocyte Elastase", <u>Proceedings of the National Academy of Sciences of the United States of America</u> , Vol. 83, No. 18, (1986),6692-6696	
		VAN WETERING, SANDRA , et al., "Regulation of SLPI and elafin release from bronchial epithelial cells by neutrophil defensins", <u>Am. J. Physiol. Lung Cell. Mol. Physiol.</u> , <u>278</u> , (2000),L51-L58	
		WAHL, SHARON M., et al., "Anatomic Dissociation Between HIV-1 and Its Endogenous Inhibitor in Mucosal Tissues", <u>American Journal of Pathology</u> , Vol. 150, No. 4, (04/1997),1275-1284	
		WITTE M.D., MARIA B., et al., "Wound Healing (General Principles of Wound Healing)", <u>Surgical Clinics of North America</u> , Volume 77, Number 3, (06/1997),509-528	
		WRIGHT, CLIFFORD D., et al., "Inhibition of Murine Neutrophil Serine Proteinases by Human and Murine Secretory Leukocyte Protease Inhibitor", <u>Biochemical and Biophysical Research Communications</u> , <u>254</u> , (1999),614-617	
		XIA, XIANMIN , et al., "Identification of Cell Surface Binding Sites for PC-Cell-Derived Growth Factor, PCDGF, (Epithelin/Granulin Precursor) on Epithelial Cells and Fibroblasts", <u>Biochemical and Biophysical Research Communications</u> , <u>245</u> , (1998),539-543	
		XU, SHI-QIONG , et al., "The Granulin/Epithelin Precursor Abrogates the Requirement for the Insulin-like Growth Factor 1 Receptor for Growth in Vitro", <u>the Journal of Biological Chemistry</u> , Vol. 273, No. 32, (08-07-1998),20078-20083	
		YING, QI-LONG , et al., "Functions of the N-Terminal Domain of Secretory Leukoprotease Inhibitor", <u>Biochemistry</u> , <u>33</u> , (1994),5445-5450	
		ZANOCCO-MARANI, TOMMASO , et al., "Biological Activities and Signaling Pathways of the Granulin/Epithelin Precursor", <u>Cancer Research</u> <u>59</u> , (1999),5331-5340	
		ZHANG, HAIDI , et al., "Inhibition of tumorigenicity of the teratoma PC cell line by transfection with antisense cDNA for PC cell-derived growth factor (PCDGF, epithelin/granulin precursor)", <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 95, (11-1998),14202-14207	
		ZHANG, YAHONG , et al., "Secretory Leukocyte Protease Inhibitor Suppresses	

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FH		the Production of Monocyte Prostaglandin H Synthase-2, Prostaglandin E2, and Matrix Metalloproteinases", <u>The Journal of Clinical Investigation</u> , Vol. 99, Number 5, (03/1997),894-900	
FH		ZHOU, JIAN , et al., "Purification of an Autocrine Growth Factor Homologous with Mouse Epithelin Precursor from a Highly Tumorigenic Cell Line", <u>The Journal of Biological Chemistry</u> , Vol. 268, No. 15, (05/25/1993),10863-10869	
FH		ZHU, JING , et al., "Suppression of macrophage responses to bacterial lipopolysaccharide by a non-secretory form of secretory leukocyte protease inhibitor", <u>Biochimica et Biophysica Acta</u> -1451, (1999),219-223	
FH		ZITNIK, RALPH J., et al., "The Cloning and Characterization of a Murine Secretory Leukocyte Protease Inhibitor cDNA", <u>Biochemical and Biophysical Research Communications</u> 232, (1997),687-697	

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